



Prairie Provinces Water Board User Perspective

Global Water Futures
Integrated Modelling Program for Canada

Kick-off Workshop
September 14-15, 2017



Sept, 2017



Alberta - Saskatchewan - Manitoba - Canada



Master Agreement on Apportionment

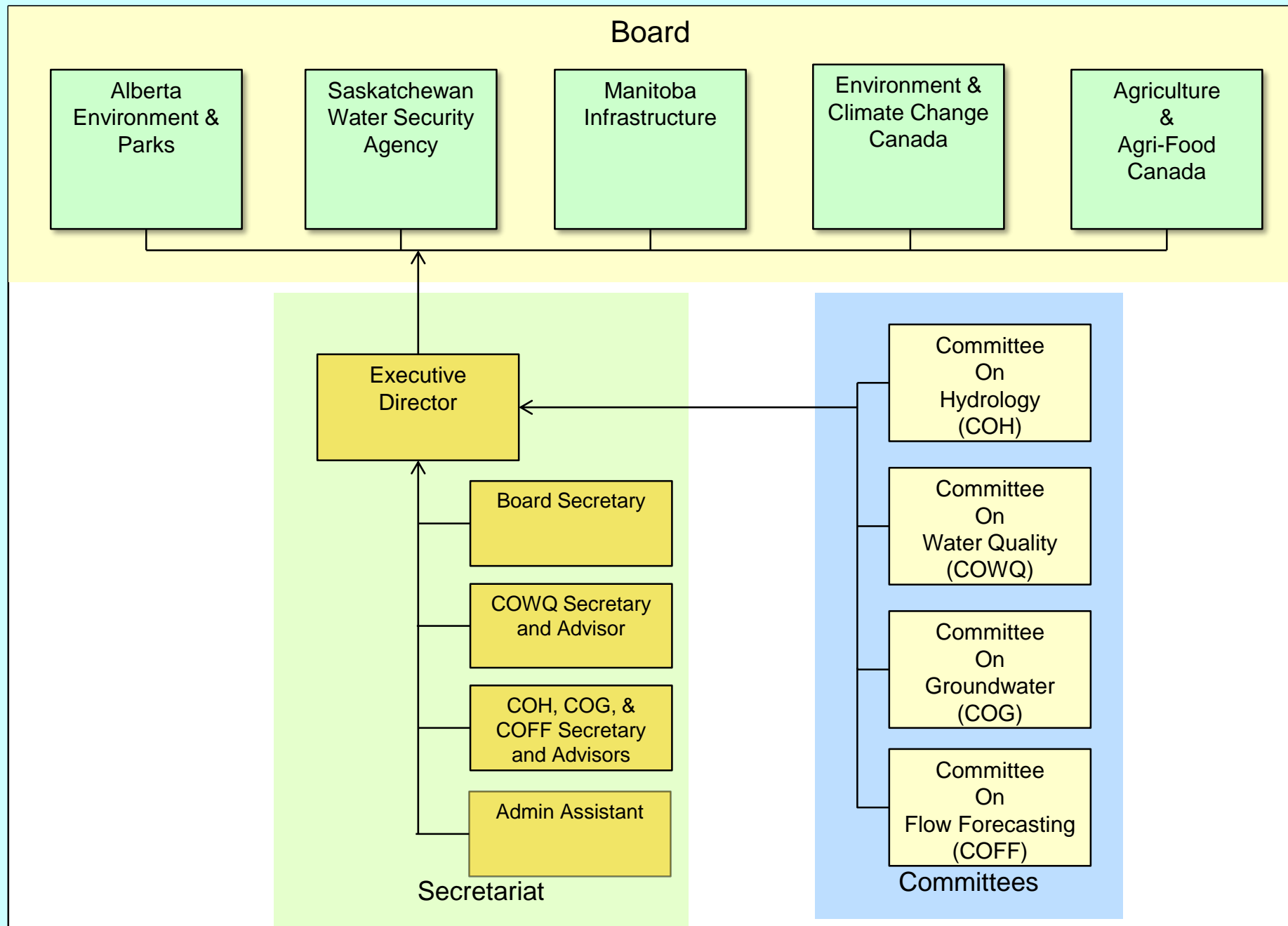


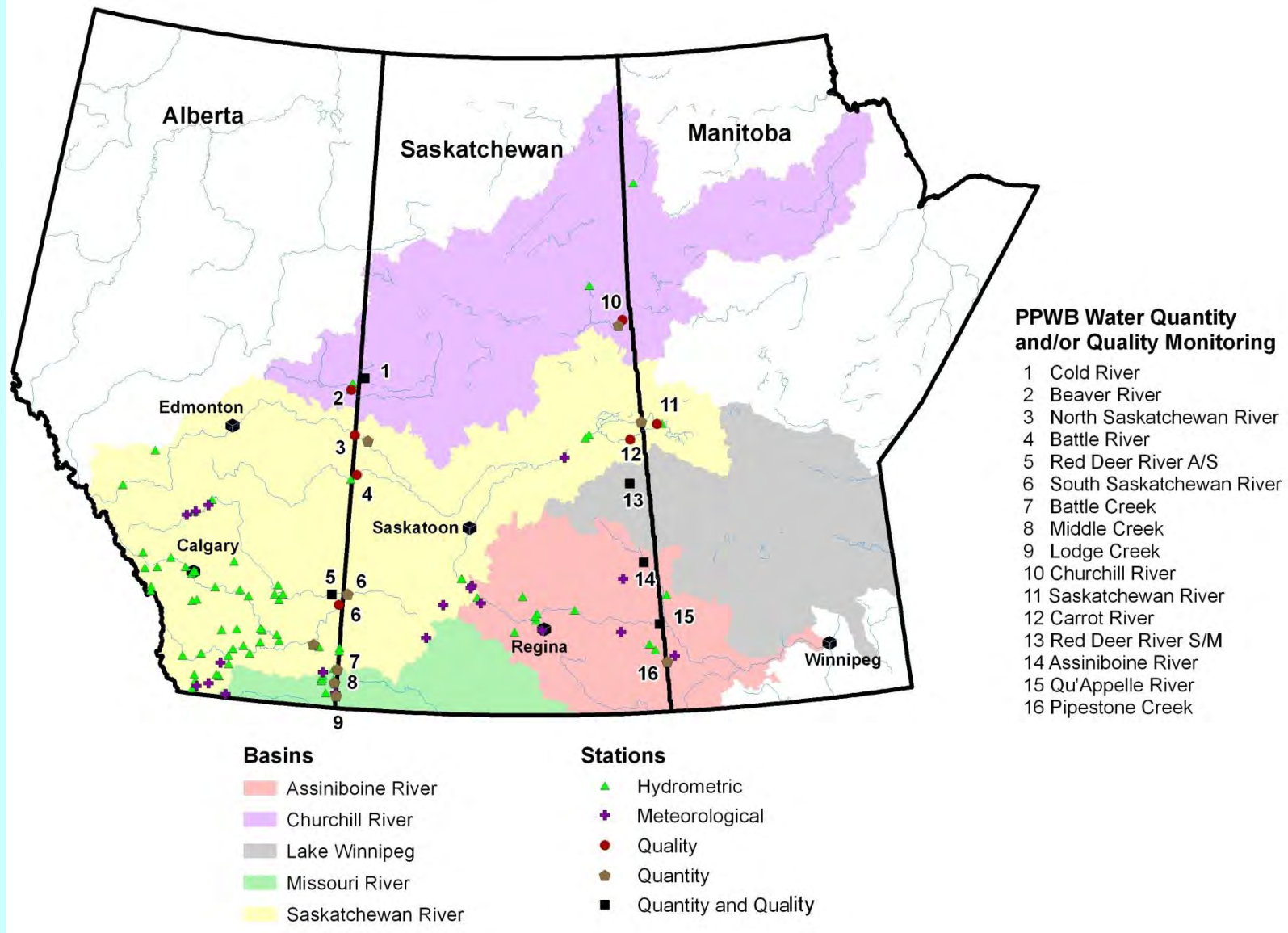
- MAA signed in 1969 by governments of Canada, Alberta, Saskatchewan, & Manitoba
 - Apportions eastern flowing waters
 - 1992 added Agreement on Water Quality
- Re-established the Prairie Provinces Water Board
 - 5 members: 2 Canada, 1 each AB, SK, MB

PPWB Mandate



- Monitoring the apportionment water of eastward flowing transboundary streams and lakes
- Monitoring the achievement of transboundary water quality objectives
- Address transboundary groundwater issues
- Conduct studies
- Provide a forum for cooperation and collaboration





PPWB Interests – Water Quality



- Nutrient Pollution
 - Natural vs Anthropogenic
 - Point vs Non-Point Sources
 - Instream processes
 - Role of Lakes & Wetlands
 - Dissolved vs Particulate
- Metals
- Pesticides
- Other Basin-Specific Issues



PPWB Interests Flow Forecasting



- Forecasting Remains Provincial Responsibility
- COFF
 - Information Exchange
 - Improve Data Sharing & Data Products
 - Coordination of Forecast Products
 - Investigating a Forecast Model for Saskatchewan River Basin

PPWB Interests



■ Apportionment

- Naturalized flow models
- Future Flow & Water Demand Scenarios

■ Groundwater

- Aquifer Assessment
- Surface / Groundwater Interface